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No. 5613 P. 1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christoph Weber, et al. Examiner:

Serial No: 10/582,623 Group Art Unit: 3681

Filed: 06/12/06 Date: March 14, 2007

For: CORRECTION METHOD FOR CHIP REMOVAL MACHINES

Assistant Commissioner for Patents  
**ATTN: OFFICE OF INITIAL PATENT EXAMINATION'S  
FILING RECEIPT CORRECTIONS**  
Washington, D.C. 20231

CERTIFICATION OF FACSIMILE TRANSMISSION

(Facsimile: No. 571-273-8300 – 6 Pages )

Sir:

The undersigned hereby certifies that the attached **REQUEST FOR A CORRECTED FILING RECEIPT, Exhibit 1 (incorrect filing receipt) and the first page of priority document WO 2005/103849 A1** are being transmitted herewith via facsimile to the U.S. Patent and Trademark Office, Washington, D.C. 20231, on March 14, 2007.

Respectfully submitted,

HUDAK, SHUNK & FARINE CO. LPA

  
By: Daniel J. Hudak, Jr.  
Registration No. 47,669

DJHjr/dp

2020 Front Street, Suite 307  
Cuyahoga Falls, OH 44221  
(330) 535-2220

Attorney Docket No.: STT-C-PCT-US

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MAR 14 2007

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Christoph Weber, et al. Examiner:

Serial No: 10/582,623 Group Art Unit: 3681

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Assistant Commissioner for Patents  
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Washington, D.C. 20231

REQUEST FOR A CORRECTED FILING RECEIPT

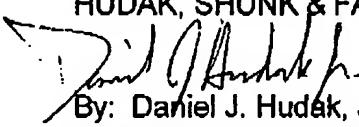
Sir:

The Filing Receipt, copy attached as Exhibit 1, in respect of the captioned application is incorrect. Under the Applicant(s) section the city under the first applicant is listed incorrectly it should read "Biedenkopf-Wallan, Germany" as noted on the attached International Application Published Under PCT WO 2005/103849 A1 (first page).

Therefore, a Corrected Filing Receipt is respectfully requested.

Respectfully submitted,

HUDAK, SHUNK & FARINE CO. LPA

  
By: Daniel J. Hudak, Jr.  
Registration No. 47,669

DJHjr/dp

2020 Front Street, Suite 307  
Cuyahoga Falls, OH 44221  
(330) 535-2220

Attorney Docket No.: STT-C-PCT-US

Exhibit 1



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	TOT CLMS	IND CLMS
10/582,623	06/12/2006	3681	450	STT-C-PCT-US	20	1

## CONFIRMATION NO. 2788

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 CO., L.P.A.

## FILING RECEIPT



\*OC000000022589736\*

Date Mailed: 03/07/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Christoph Weber, Biedenkopf-Wallan, GERMANY;  
 Gunter Schneider, Marburg, GERMANY;

**Power of Attorney:** The patent practitioners associated with Customer Number 28862.

**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/EP05/51746 04/20/2005

**Foreign Applications**

GERMANY 10 2004 019 931.0 04/21/2004

**If Required, Foreign Filing License Granted:** 01/18/2007

**The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US10/582,623**

**Projected Publication Date:** 05/31/2007

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

Correction method for chip removal machines

**Preliminary Class**

477

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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## (12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum  
Internationales Büro(43) Internationales Veröffentlichungsdatum  
3. November 2005 (03.11.2005)

PCT

(10) Internationale Veröffentlichungsnummer

WO 2005/103849 A1

(51) Internationale Patentklassifikation<sup>7</sup>: G05B 19/18,  
19/19[DE/DE]; Berliner Strasse 39, 35216 Biedenkopf-Wallau  
(DE). SCHNEIDER, Gunter [DE/DB]; Kirchspitze 8A,  
35037 Marburg (DE).

(21) Internationales Aktenzeichen: PCT/EP2005/051746

(74) Anwalt: SARTORIUS, Peter; Helmholtzstrasse 35,  
68723 Schwetzingen (DE).(22) Internationales Anmeldedatum:  
20. April 2005 (20.04.2005)(81) Bestimmungstaaten (soweit nicht anders angegeben, für  
jede verfügbare nationale Schutzrechtsart): AB, AG, AL,  
AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
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TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(25) Einreichungssprache: Deutsch

(84) Bestimmungstaaten (soweit nicht anders angegeben, für  
jede verfügbare regionale Schutzrechtsart): ARIPO (BW,

(26) Veröffentlichungssprache: Deutsch

(30) Angaben zur Priorität:  
10 2004 019 931.0 21. April 2004 (21.04.2004) DE(71) Anmelder (für alle Bestimmungstaaten mit Ausnahme von  
US): SCHNEIDER GMBH & CO. KG [DE/DE]; Brück-  
enstrasse 21, 35239 Steffenberg (DE).

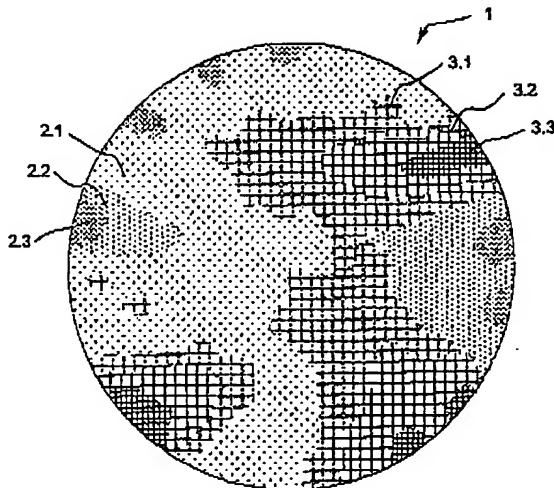
(72) Erfinder; und

(75) Erfinder/Anmelder (nur für US): WEBER, Christoph

[Fortsetzung auf der nächsten Seite]

(54) Title: CORRECTION METHOD FOR CHIP REMOVAL MACHINES

(54) Bezeichnung: KORREKTURVERFAHREN FÜR ZERSPANUNGSMASCHINEN



(57) Abstract: The invention relates to a method for determining the deviation of at least one regulating variable on chip removal machines comprising a mechanical drive for a tool and/or a workpiece (1), regulated by a control system, the regulation comprising a plurality of values  $C$ ,  $X$ ,  $Z$  of at least three spatial axes  $c$ ,  $x$ ,  $z$  for the control system and for the drive, said values  $C$ ,  $X$ ,  $Z$  having a functional relation such as  $Z = f_{ij}(C, X)$  with the axes  $c$ ,  $x$ ,  $z$ . A protocol is prepared from a plurality of control system actual values  $(C_{p,i}, X_{p,i}, Z_{p,i})$  detected by measuring means and/or selected drive actual values  $(C_{p,i}, X_{p,i}, Z_{p,i})$  and a control system nominal value according to  $Z_{n,i} = f_{ij}(C_{p,i}, X_{p,i})$  and/or a drive nominal value according to  $Z_{d,i} = f_{ij}(C_{p,i}, X_{p,i})$ , in addition to a control system differential value according to  $D_{z,i} = Z_{p,i} - Z_{n,i}$  and/or a drive differential value according to  $D_{p,i} = Z_{p,i} - Z_{n,i}$ , is calculated at least in relation to the  $z$  axis. The invention also relates to a chip removal machine using one such method.

[Fortsetzung auf der nächsten Seite]